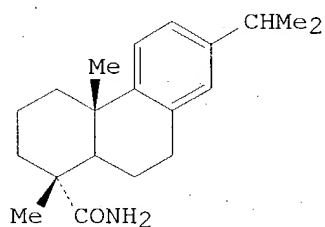


AN 109:129380 CA
 TI Preparation of dehydroabietoylamide as fungicide for rice blast
 IN Akatsuka, Tadami; Kodama, Osamu; Matsuo, Kotaro; Esaki, Yoichiro
 PA Arakawa Chemical Industries, Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese
 IC ICM A01N037-18
 ICA A01N037-08
 CC 30-20 (Terpenes and Terpenoids)
 Section cross-reference(s): 5

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|------|----------|-----------------|----------|
| PI | JP 63017806 | A2 | 19880125 | JP 1986-161182 | 19860709 |
| PRAI | JP 1986-161182 | | 19860709 | | |
| GI | | | | | |



AB Fungicide for rice blast consists of dehydroabietoylamide (I). A mixt. of 0.1 mol dehydroabietic acid and 0.105 mol SOCl₂ in C₆H₆ contg. pyridine was refluxed to give 31.44g acid chloride which was treated with 28% NH₄OH in THF under cooling to give amide I, which inhibited sporulation of *Piricularia oryzae* completely at 2 ppm suspension.

ST dehydroabietoylamide prepn fungicide rice blast

IT *Piricularia oryzae*
 (control of, on rice, by dehydroabietoylamide)

IT Fungicides and Fungistats
 (agrochem., dehydroabietoylamide, for rice blast)

IT 1740-19-8
 RL: PROC (Process)
 (conversion of, to acid chloride)

IT 22478-66-6P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (prepn. and amidation of)

IT 35928-32-6P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of, as fungicide for rice blast)